

Title (en)

MOBILE STATION APPARATUS, BASE STATION APPARATUS, METHOD AND INTEGRATED CIRCUIT

Title (de)

MOBILSTATIONSVORRICHTUNG, BASISSTATIONSVORRICHTUNG SOWIE VERFAHREN UND INTEGRIERTER SCHALTKEIS DAFÜR

Title (fr)

STATION MOBILE, STATION DE BASE, PROCÉDÉ ET CIRCUIT INTÉGRÉ

Publication

EP 2637331 B1 20190703 (EN)

Application

EP 11838084 A 20111104

Priority

- JP 2010248568 A 20101105
- JP 2011075372 W 20111104

Abstract (en)

[origin: EP2637331A1] To provide a mobile station apparatus, a base station apparatus, a method and an integrated circuit which are capable of dissolving complexity of setting by the base station apparatus and performing efficient scheduling by improving the orthogonality of resources of a reference signal for every antenna. A mobile station apparatus which transmits a sounding reference signal to a base station apparatus using a plurality of antenna ports, wherein based on one value set specifically to a mobile station apparatus by a parameter notified of by a higher layer from the base station apparatus, a cyclic shift applied to a sounding reference signal corresponding to the plurality of antenna ports is determined.

IPC 8 full level

H04J 1/00 (2006.01); **H04J 13/16** (2011.01); **H04W 16/28** (2009.01); **H04W 72/08** (2009.01)

CPC (source: EP US)

H04J 13/0059 (2013.01 - EP US); **H04J 13/0074** (2013.01 - EP US); **H04W 72/02** (2013.01 - EP US); **H04W 72/20** (2023.01 - US); **H04L 5/0048** (2013.01 - EP US); **H04L 25/0226** (2013.01 - EP US); **H04W 28/18** (2013.01 - EP US); **H04W 48/08** (2013.01 - EP US); **H04W 72/00** (2013.01 - EP US); **H04W 72/12** (2013.01 - EP US); **H04W 72/23** (2023.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2637331 A1 20130911; **EP 2637331 A4 20160420**; **EP 2637331 B1 20190703**; CN 103250365 A 20130814; JP 2012114901 A 20120614; JP 2013179631 A 20130909; JP 5932706 B2 20160608; TW 201225564 A 20120616; TW I532334 B 20160501; US 2013265962 A1 20131010; US 9173208 B2 20151027; WO 2012060434 A1 20120510

DOCDB simple family (application)

EP 11838084 A 20111104; CN 201180052247 A 20111104; JP 2011075372 W 20111104; JP 2011241640 A 20111102; JP 2013086184 A 20130417; TW 100140381 A 20111104; US 201113883382 A 20111104